

Converting Colors

Decimal(4276699)

Have a look what the booklet for
Decimal(4276699) contains.

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Color

Decimal(4276699)

Conversions

Conversions Part 1

Format	Color
Hex	4141DB
RGB	65, 65, 219
RGB Percent	25%, 25%, 86%
CMY	0.7451, 0.7451, 0.1412
CMYK	0.70, 0.70, 0.00, 0.14
HSL	240°, 68%, 56%
HSV	240°, 70%, 86%
XYZ	16.8565, 10.0189, 68.0632
YIQ	82.5560, -49.4340, 47.8940

Conversions

Conversions Part 2

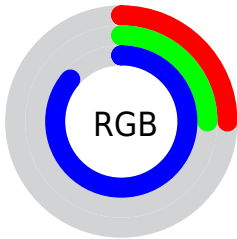
Format	Color
R _Y B	65, 65, 219
Decimal	4276699
CIE Lab	37.88, 48.69, -78.12
CIE LCh	38, 92.050, 301.936
Yxy	10.0189, 0.1776, 0.1055
Android (android.graphics.Color)	4282466779 (0xFF4141DB)
YUV	82.5560, 67.2669, -15.3966
Hunter-Lab	31.6526, 39.6672, -105.3356

Details

The Decimal color **4276699** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **14408513**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8745727**, and **5027** is the 20% darker color. If you saturate the color by 10%, you get **2829275**, and if you desaturate by 10%, it is **5724123**.

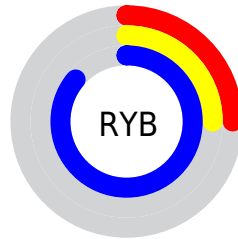
Distribution



Red (25%)

Green (25%)

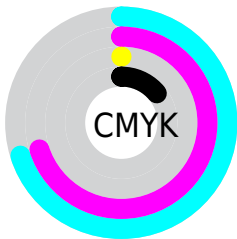
Blue (86%)



Red (25%)

Yellow (25%)

Blue (86%)

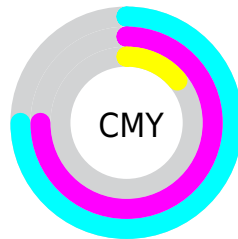


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (14%)



Cyan (75%)

Magenta (75%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4276699 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 4276699 by changing the saturation by 10% instead.

■ 4276699

■ 4276699

16777215

■ 338622

■ 8745727

■ 5027

■ 10783999

■ 391

■ 12822527

■ 109

■ 14795519

■ 2900

■ 16769023

■ 1595

■ 16776191

■ 549

■ 269

■ 0

■ 4276699

■ 4276699

■ 2829275

■ 5724123

■ 1381851

■ 7171547

■ 219

■ 8618971

■ 10066395

■ 11513819

■ 12895451

■ 14342875

■ 15790299

■ 16777179

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25843



4276699



11534497

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4276699



10630144



29532

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4276699



14408513

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28672



4276699



6904064

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4276699



13107215



26880



30120

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4276699



13303921



26880



29506

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4276699



13224447



4316123



6316160



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4276699



2697727



9322971



6513518



173



46

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14369243



16722431



9362241



7234414



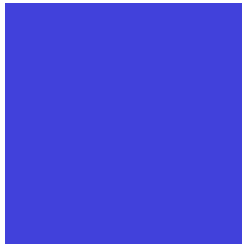
11337901



3014702

Previews

White Background



This preview shows how the Decimal color 4276699 looks on a white background.

Color Contrast Check

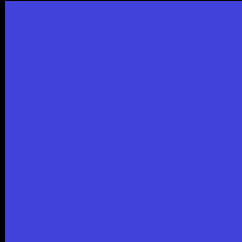
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 4276699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

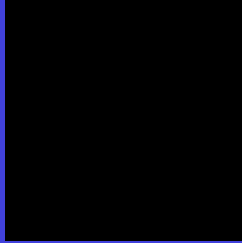
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4276699 Background



This preview shows how black text looks on a background with the Decimal color 4276699.



This preview shows how white text looks on a background with the Decimal color 4276699.

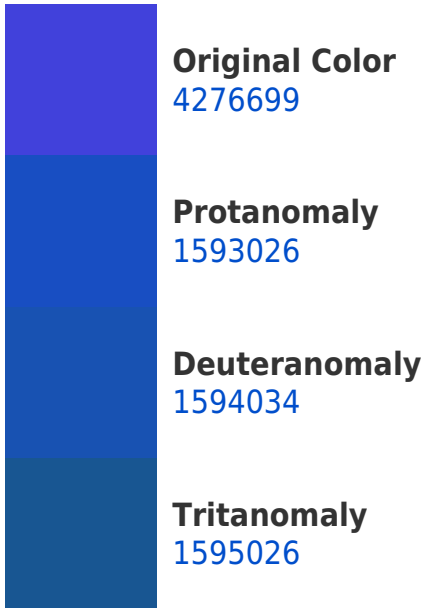
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4276699 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4141DB looks like.

```
.text, #text, p{  
    color:#4141DB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4141DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4141DB
}
```

Border

The CSS property to change the border of an element to Decimal 4276699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4141DB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4141DB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4141DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4141DB; -webkit-box-shadow:4px 4px  
4px 4px #4141DB; box-shadow:4px 4px 4px  
4px #4141DB }
```

Background

The CSS property to change the background color of an element to Decimal 4276699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4141DB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4141DB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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